AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

Listing of Claims:

Claim 1 (Cancelled).

Claim 2 (Currently Amended): A method for packet communication wherein a node includes a private sender address, the node received at a second network ~~being moved from a first network including said node~~, and first and second address changing means located in a first network and the second network, respectively, the first address changing means ~~for~~ receiving a packet from said node and then changing said private sender address of the packet to a global address for outputting the packet into a second network being different from said first network, the method comprising:

receiving said packet from said node by the first address changing means, ~~the node being currently moved into said second network~~;

changing said private sender address of said received packet by the first address changing means from said private sender address to the global address, the changing performed by mapping the global address to the private sender address by translation;

notifying periodically the first address changing means by the second address changing means and the second address changing means by the first address changing means of an address translation information between said private sender address and said global address after said changing of the address; and

sending said packet by the first address changing means to a third network different from said first and second networks after said changing said sender address.

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Claim 3 (Currently Amended): A method for packet communication according to claim 2, further comprising:

registering the node in a home agent, the home agent configured to manage the first network;

registering the node in a foreign agent, the foreign agent configured to manage the second network; and

notifying periodically an address changing means of the home agent by an address changing means of the foreign agent, and the address changing means of the foreign agent by the address changing means of the home agent ~~the node by the first address changing means~~ of a correspondence between said private sender address and said global address, ~~periodically~~ after said registering the node in the home agent and in the foreign agent.

Claim 4 (Currently Amended): A method for packet communication according to claim 2, further comprising:

detecting by ~~a~~ the second address changing means of the second network that a registration request is sent from said node moved into said second network to a foreign agent configured to manage said second network; and

requesting by the second address changing means of the second network that the first address changing means in the first network transmits to the second address changing means of the second network a correspondence between the global address mapped to the private sender address, after said detecting.

Claim 5 (Currently Amended): A method for packet communication according to claim 2, further comprising:

detecting by ~~a~~ the second address changing means in the second network that a

response indicating that said node is registered has been sent from a home agent configured

to manage said first network to a foreign agent configured to manage said second network;

and

requesting by the second address changing means in the second network that the first

address changing means in the first network sends to the second address changing means of

the second network the global address mapped to the private sender address, after said

detecting.

Claim 6 (Currently Amended): A method for packet communication according to

claim 2, further comprising:

adding an address translation information request for requesting the global address

mapped to the private sender address to a registration ~~translation~~ request sent from a foreign

agent configured to manage said second network to a home agent configured to manage said

first network.

Claim 7 (Cancelled).

Claim 8 (Currently Amended): A method for packet communication, comprising:

receiving a packet including a private sender address from a first node in a first

network including a first address changing means;

changing the address of said received packet by the first address changing means from

said private sender address to a first global address by mapping the first global address to the

private sender address by translation;

sending said packet whose sender address has been changed to a third network different from said first and a second networks, the second network including a second address changing means;

receiving a packet including a second global address, different from said first global address, from a second node which has been moved into said first network from the second network which is different from said first network;

notifying periodically the first address changing means by the second address changing means and the second address changing means by the first address changing means of an address translation information between said private sender address and said global address after said changing of the address; and

sending said packet to the third network without changing an address of said packet received from said second node from said second global address to said first global address.

Claim 9 (Currently Amended): A computer program stored on a computer readable medium, wherein a node including a private sender address, the node received at the second network is previously moved from a first network including said node, and a first address changing means for receiving a packet from said node and then changing said private sender address of the packet to a global address for outputting into a second network different from said first network, the computer program comprising:

a first computer code that receives said packet from said node by the first address changing means, the node being currently moved into said second network;

a second computer code that changes said address of said received packet by the first address changing means from said private sender address to the global address by mapping the global address to the private sender address by translation;

a third computer code that notifies periodically the first address changing means by a second address changing means of the second network, and the second address changing means by the first address changing means of a address translation information between said private sender address and said global address after said changing of the address; and

a ~~third~~ fourth computer code that sends said packet by the address changing means to a third network which is different than the first and second networks after said changing the sender address.

Claim 10 (Currently Amended): The method for packet communication according to Claim 2 ~~Claim 1~~, wherein the changing the sender address is performed while the node is moved among different networks.